

California Weather-Hydro Conditions during July 2015

As of July 31, statewide hydrologic conditions were as follows: precipitation, 75 percent of average to date; runoff, 45 percent of average to date; and reservoir storage, 55 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2015, observed through July 31, 2015 was about 8.7 million acre-feet (MAF), which is about 50 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through July 31, 2014 was about 6.9 MAF, or about 39 percent of average.

On July 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 36.7 inches, which is about 75 percent of the seasonal average to date and 73 percent of an average water year (50.0 inches). During July, the total precipitation for the 8-Stations was 0.7 inches, or about 350 percent of average for the month. Last year on July 31, the Water Year 2014 seasonal total for the 8-Stations was 29.1 inches, or about 60 percent of average.

On July 31, the San Joaquin 5-Station Precipitation Index Water Year total was 18.8 inches, which is about 47 percent of the seasonal average to date and 46 percent of an average water year (40.8 inches). During July, the total precipitation for the 5-Stations was 1.1 inches, or about 367 percent of average for the month. Last year on July 31, the Water Year 2014 seasonal total for the 5-Stations was 19.6 inches, or about 49 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 08/01/2015					
Station	Oct 1 to Date 2014 - 2015	% Average	Season to Date 2013 - 2014	% Average	% Average Oct 1 - Sep 30
Mount Shasta	35.09	82	12.23	29	80
Eureka	30.09	76	17.25	44	75
Redding	23.12	68	16.21	48	67
South Lake Tahoe	13.81	72	13.66	71	68
Sacramento Executive Airport	15.43	85	8.93	49	83
Santa Rosa (Sonoma Co AP)	22.32	62	13.70	38	62
San Francisco	17.64	75	12.04	51	75
Stockton	10.67	78	7.00	51	76
Yosemite	18.40	50	16.73	45	48
Monterey	14.57	92	8.33	52	90
Paso Robles	8.40	67	4.91	39	66
Fresno	6.50	57	4.92	43	57
Bakersfield	5.29	83	2.41	38	82
Death Valley	1.05	52	1.02	50	44
Los Angeles	8.67	59	5.74	39	58
Riverside	5.81	48	1.87	15	47
Palm Springs	2.50	50	1.19	24	44
San Diego	10.02	99	4.90	48	97

Key Reservoir Storage (1,000 AF) as of 07/31/2015								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	829	1,958	42	2,448	34	---	1,619
Shasta Lake	Sacramento	1,995	3,248	61	4,552	44	-2,557	2,557
Lake Oroville	Feather	1,168	2,589	45	3,538	33	-2,370	2,370
New Bullards Bar Res	Yuba	464	753	62	930	50	-502	502
Folsom Lake	American	290	694	42	977	30	-687	687
New Melones Res	Stanislaus	345	1,469	24	2,400	14	-2,075	2,075
Don Pedro Res	Tuolumne	695	1,550	45	2,030	34	-1,335	1,335
Lake McClure	Merced	110	630	17	1,025	11	-909	915
Millerton Lake	San Joaquin	178	330	54	520	34	-342	342
Pine Flat Res	Kings	158	515	31	1,000	16	-842	842
Isabella	Kern	33	275	12	568	6	-328	535
San Luis Res	(Offstream)	530	1,006	53	2,041	26	---	1,509

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for August 2015, issued July 31, 2015, suggests equal chances of wet or dry conditions for most of California, except for the southeastern portion of the State where above average precipitation is suggested.